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A	PPLICATION NO. FILI		FILING DATE		FIRST NAMED INVE	NTOR	ATT	ATTORNEY DOCKET NO.	
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Γ	021121			HM12/0316	٦	EXAMINER			
	OPPEDAHL AND LARSON LLP P O BOX 5270					REEVES, J			
	FRISCO C			70			ART UNIT	PAPER NUMBER	
			V	, .	•		1642	6	
							DATE MAILED:	03/16/99	

Please find below and/or attached an Office communication concerning this application or pr ceeding.

Commissioner of Patents and Trademarks



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DATE MAILED:

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SERIAL NUMBER	FILING DATE		FIRST NAMED APPLIC				CANT ATTORNEY DOCKET NO.		
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					ART UNIT		PAPER NUMBER		

Please find below a communication from the EXAMINER in charge of this application

Commissioner of Patents

- 1. This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 C.F.R. § 1.821(a)(1) and (a)(2). See page 5,7, and 8, for example, of the specification. However, this application fails to comply with the requirements of 37 C.F.R. §§ 1.821-1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures.
- 2. Any inquiry concerning this communication should be directed to Examiner Julie E. Reeves, Ph.D, Art Unit 1642, whose telephone number is (703) 308-7553.
- 3. Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.
- 4. Any questions regarding compliance with the sequence rules requirements specifically should be directed to the departments listed at the bottom of the Notice to Comply.
- 5. APPLICANT IS GIVEN ONE MONTH FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.R.F. §§ 1.821-1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. § 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. § 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Direct the response to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the response.

Nows JULIE REEVES PATENT EXAMINER

Application No. 08 949549

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

Ø	 This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
X	2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
<u>A</u>	3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
	4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
	 The computer readable form that has been filed with this application has been found to be damage and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
	6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
	7. Other:
Ар	plicant Must Provide:
	An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
Ø	An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
Z	A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).
For	questions regarding compliance to these requirements, please contact:

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

For Rules Interpretation, call (703) 308-4216 For CRF Submission Help, call (703) 308-4212 For Patentin software help, call (703) 308-6856